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10/04/01
09/90/04
U.S. PTO

Patent and Trademark Office: U.S. DEPARTMENT OF

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. AIA-110/DIV Total Pages 2

First Named Inventor or Application Identifier

HOSAKA ET AL.

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

**ADDRESS
TO:**Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)2. Specification
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

[Total Pages

59

3. Drawing(s) (35 USC d113)

[Total Sheets

26

4. Oath or Declaration

[Total Pages

3

a. Newly Executed (original or copy)b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)

[Note Box 5 below]

i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR 1.63(2) and 1.33(b).5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b,
is considered as being part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.6. Microfiche Computer Program (Appendix)7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Copy
- b. Paper Copy (identical to computer copy)
- c. Statement verifying identical of above copies

ACCOMPANYING APPLICATION PARTS8. Assignment Papers (cover sheet & Documents(s))9. 37 CFR 3.27(B) Statement
(when there is an assignee) Power of
Attorney10. English Translation Document (if applicable)11. Information Disclosure
Statement (IDS)/PTO-1449 Copies of IDS
Citations12. Preliminary Amendment13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)14. Small Entity Statement(s) Statement filed in prior application
Status still proper and desired15. Certified Copy of Priority Document(s)
if foreign priority is claimed16. Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: 09/264,564

18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label

or

Correspondence address below

NAME

RADER, FISHMAN & GRAUER, PLLC

ADDRESS

1233 20th Street, Suite 501, N.W.,

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ZIP CODE

20036

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PTO/SB/17 (12-99)

Approved for use through 6/30/2000. OMB 0651-0032

Patent and Trademark Office: US DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SBO/09-12.

TOTAL AMOUNT OF PAYMENT

METHOD OF PAYMENT (check one)

- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number
Deposit Account Name

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	<input type="text" value="710"/>
106	310	206	155	Design filing fee	<input type="text"/>
107	480	207	240	Plant filing fee	<input type="text"/>
108	690	208	345	Reissue filing fee	<input type="text"/>
114	150	214	75	Provisional filing fee	<input type="text"/>

SUBTOTAL (1)

2. EXTRA CLAIM FEES

Total Claims	Extra	Fee from below	=	Fee Paid
15	-20=	0	X	18 = 0
1	- 3 =	0	X	80 = 0
				= 0

***or number previously paid, if greater; For Reissues, see below.*

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

Complete if Known			
Application No.	To be assigned		
Filing Date	Filed Herewith		
First Named Inventor	HOSAKA ET AL.		
Group Art Unit	2182		
Examiner Name	R. Perveen		
Attorney Docket Number	AIA-110/DIV		

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139	130	139	130	Non-English specification	<input type="text"/>
147	2,520	147	2,520	For filing a request for reexamination	<input type="text"/>
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
115	110	215	55	Extension for reply within first month	<input type="text"/>
116	380	216	190	Extension for reply within second month	<input type="text"/>
117	870	217	435	Extension for reply within third month	<input type="text"/>
118	1,360	218	680	Extension for reply within fourth month	<input type="text"/>
128	1,850	228	925	Extension for reply within fifth month	<input type="text"/>
119	300	219	150	Notice of Appeal	<input type="text"/>
120	300	220	150	Filing a brief in support of an appeal	<input type="text"/>
121	260	221	130	Request for oral hearing	<input type="text"/>
138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="text"/>
140	110	240	55	Petition to revive - unavoidable	<input type="text"/>
141	1,210	241	605	Petition to revive - unintentional	<input type="text"/>
142	1,210	242	605	Utility issue fee (or reissue)	<input type="text"/>
143	430	243	215	Design issue fee	<input type="text"/>
144	580	244	290	Plant issue fee	<input type="text"/>
122	130	122	130	Petitions to the Commissioner	<input type="text"/>
123	50	123	50	Petitions related to provisional applications	<input type="text"/>
126	240	126	240	Submission of Information Disclosure Stmt	<input type="text"/>
581	40	581	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>
Other fee (specify) _____					
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)	(\$)

Complete (if applicable)

Submitted By				Reg. No. 42,314
Typed or Printed Name	David K. Benson			
Signature		Date	October 4, 2001	Deposit Account User ID 18-0013

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